

EXPRESS MAIL LABEL NUMBER : EV 742516806 US

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| Form PTO-1390 (REV.11-2000) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEYS DOCKET NUMBER RN 03162 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (IF KNOWN) 10/582722 | |
| | | | | NOT A FILE/CABLE | |
| INTERNATIONAL APPLICATION NO. PCT/FR2004/003239 | | INTERNATIONAL FILING DATE December 15, 2004 | | PRIORITY DATE CLAIMED December 15, 2003 | |
| TITLE OF INVENTION ZWITTERIONIC POLYMERS COMPRISING BETAIN-TYPE UNITS AND USE OF ZWITTERIONIC POLYMERS IN DRILLING FLUIDS | | | | | |
| APPLICANT (S) FOR DO/EO/US: Katerina KARAGIANNI, Marie-Pierre LABEAU and Radmila KUBAT | | | | | |
| <p>Applicant herewith submits the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and 24 indicated below. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c) (2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U S C 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U S C 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). Required "Unsigned" <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210) <p>Items 13 to 18 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input type="checkbox"/> An information Disclosure Statement under 37 CFR 1 97 and 1 98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3 28 and 3 31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <input type="checkbox"/> Form PCT/IB/308 <input type="checkbox"/> Form PCT/IB/332 <input checked="" type="checkbox"/> Form PCT/ISA/210 French version <input checked="" type="checkbox"/> Form PCT/ISA/210 English Version <input type="checkbox"/> PCT/ISA/237 <input checked="" type="checkbox"/> PCT/FR2004/003239 as published | | | | | |

AP20 Rec'd PCT/PTO 13 JUN 2006

U.S. APPLICATION NO. (IF KNOWN)
NOT APPLICABLEINTERNATIONAL APPLICATION NO.
PCT/FR2004/003239ATTORNEYS DOCKET NUMBER
RN 03162

24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

| | |
|---|-----------|
| <input checked="" type="checkbox"/> a) Basic National Fee..... | \$300.00 |
| <input checked="" type="checkbox"/> b) examination fee | \$200.00 |
| <input checked="" type="checkbox"/> c) Search Fee..... | \$500.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof..... | \$0.00 |
| Total of above calculation..... | \$1000.00 |

CALCULATIONS PTO ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$1000.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$0.00

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE |
|---|--------------|--------------|------------|
| Total Claims | 20 - 20 = | 0 | X \$50.00 |
| Independent Claims | 1 - 3 = | 0 | X \$200.00 |
| Multiple Dependent Claims (Check if applicable) | | | + \$360.00 |

\$0.00

\$0.00

\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$0.00

☐ Applicant claims small entity status. (See 37 CFR 1.127). The fees indicated above are reduced by 1/2.

\$0.00

SUBTOTAL =

\$0.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

\$0.00

TOTAL NATIONAL FEE =

\$1,000.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable)

☐

\$0.00

TOTAL FEES ENCLOSED =

\$1,000.00

Amount to be:
refunded

\$

charged

\$

- a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 18-1171 in the amount of \$1,000.00 to cover the above fees.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-1171. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDANCE TO

Jean-Louis SEUGNET

RHODIA INC.

8 Cedar Brook Drive

CN 7500, CRANBURY, NJ 08512-7500

SIGNATURE

Jean-Louis SEUGNET

NAME

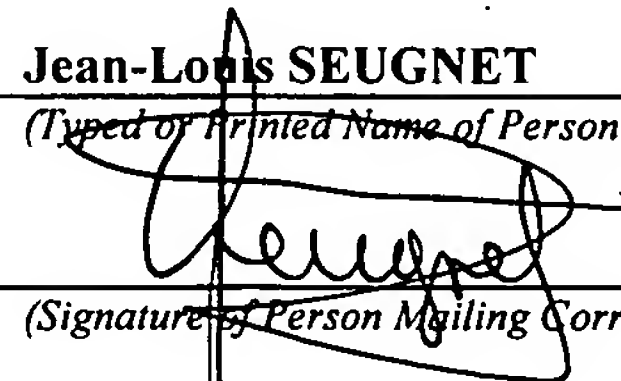
Reg. No. L0088

REGISTRATION NUMBER

June 13, 2006

DATE

1013 JUN 2006

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|---|-------------------------------|----------------------------|----------------------------------|
| CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) | | | Docket No. RN 03162 |
| Applicant(s): Katerina KARAGIANNI, Marie-Pierre LABEAU and Radmila KUBAT | | | |
| Serial No. National Phase of PCT/FR2004/003239 Intern. Filing date December 15, 2004 10/582722 | Filing Date To be assigned | Examiner To be assigned | Group Art Unit To be assigned |
| Invention: ZWITTERIONIC POLYMERS COMPRISING BETAIN-E-TYPE UNITS AND USE OF ZWITTERIONIC POLYMERS IN DRILLING FLUIDS | | | |
| I hereby certify that this <input checked="" type="checkbox"/> Transmittal letter sending documents referred to herein <input checked="" type="checkbox"/> Specification with Abstract (59 pages) <input type="checkbox"/> Drawings (0 pages) <input checked="" type="checkbox"/> Declaration/Power of Attorney (<input type="checkbox"/> signed <input checked="" type="checkbox"/> unsigned), <input type="checkbox"/> Information Disclosure Statement with copies of references <input checked="" type="checkbox"/> Preliminary Amendment (11 pages) <input checked="" type="checkbox"/> PCT/FR2004/003239 as published <input type="checkbox"/> Signed Assignment and Recordation Sheet <input checked="" type="checkbox"/> Other: <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Form PCT/IB/308 <input type="checkbox"/> PCT/ISA/237 </div> <div> <input checked="" type="checkbox"/> Form PCT/ISA/210 English Version <input checked="" type="checkbox"/> Form PCT/ISA/210 French Version </div> </div> | | | |
| (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, on: <div style="text-align: center;"> <u>June 13, 2006</u> <i>Date</i> </div> <div style="text-align: center; margin-top: 20px;"> <u>Jean-Louis SEUGNET</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i>  <i>(Signature of Person Mailing Correspondence)</i> <u>EV 742516806 US</u> <i>("Express Mail" Mailing Label Number)</i> </div> | | | |
| Note: Each Paper must have its own certificate of mailing. | | | |